

INFORMATION DISCLOSURE SHEET (Use Several sheets if necessary)		Docket Number 14045		Application Number 10/666,466			
		Applicant(s) REHM, JASON E. et al.					
		Filing Date 09/16/2003		Group Art Unit to be assigned 3753			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RK	A	5,391,587	02/21/1995	Wu	522	40	
	B	2002/0198282	12/26/2002	Jia	523	115	
	C	2003/0055193	03/20/2003	Lichtenhan et al.	528	10	
	D	2004/0052929	03/18/2004	Kirby et al.	427	58	
	E	2004/0123658	07/01/2004	Kirby et al.	72	253	
	F						
	G						
	H						
	I						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES N
	J						
	K						
	L						
	M						
	N						
	O						
	P						
	Q						
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
RK	R	Priola et al., <i>Macromolecular Chemistry and Physics</i> , 198:(6):1893-1907 (1997)					
RK	S	Rolland et al., <i>J. Am. Chem. Soc.</i> ; 126:2322-2323 (2004)					
RK	T	Tonelli et al., <i>J. Applied Polymer Science</i> , 59:311-327 (1996)					
	U						
	V						
	W						
EXAMINER		Ramesh Krishnamurthy		DATE CONSIDERED		08/12/05	
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

INFORMATION DISCLOSURE CITATION <small>(Use Several sheets if necessary)</small>		Docket Number 14045		Application Number to be assigned 10/666,466			
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RK	A	3,661,166	05/09/1972	Dickason	137	269	
	B	5,334,310	08/02/1994	Frechet et al.	210	198.2	
	C	5,400,824	03/28/1995	Gschwendtner et al.	137	625.28	
	D	5,649,423	07/22/1997	Sniegowski	60	531	
	E	5,885,470	03/23/1999	Parce et al.	216	33	
	F	5,927,325	07/27/1999	Bensaoula et al.	137	590	
	G	6,076,555	06/20/2000	Hettinger	137	625.69	
	H	6,136,171	10/24/2000	Frazier et al.	204	450	
	I	6,136,212	10/24/2000	Mastrangelo et al.	216	49	
	J	6,238,538	05/29/2001	Parce et al.	204	600	
	K	6,279,606	08/28/2001	Hunnicut et al.	137	543.19	
	L	6,283,440	09/04/2001	Evans	251	11	
	M	6,284,072	09/04/2001	Ryan et al.	156	59	
	N	6,290,685	09/18/2001	Insley et al.	804	317	
	O	6,293,308	09/25/2001	Hettinger	137	625.5	
	P	6,302,134	10/16/2001	Kellogg et al.	137	74	
	RK	Q	6,408,878	06/25/2002	Unger et al.	137	597
R		6,488,872	12/03/2002	Beebe et al.	264	31	

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES N
	S						
	T						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
RK	U Beebe, David J. et al., "Functional hydrogel structures for autonomous flow control inside microfluidic channels," <i>Nature</i> , 404:588-590 (April 2000)
RK	V Lungu, Adrian et al., "Solid state studies on the effect of fillers on the mechanical behaviour of photocured composites," <i>Polymer</i> , 39(20):4757-4763 (1998)
RK	W Provin, Christophe et al., "Complex Ceramic-Polymer Composite Microparts Made by Microstereolithography," <i>IEEE</i> , 25(1):59-63 January (2002)
RK	X Rehm, J.E. et al., "Mobile Flow Control Elements For High-Pressure Micro-Analytical Systems Fabricated Using <i>In-Situ</i> Polymerization," <i>uTAS</i> , 227-229 (October 2001)

EXAMINER Ganesh Krishnamurthy	DATE CONSIDERED 09/12/05
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RK	A	6,523,560	02/25/2003	Williams et al.	137	14	
	B	6,533,366	03/18/2003	Barron et al.	393	113.1	
	C	6,540,203	04/01/2003	Hunnicut	351	26	
	D	2001/0008212	07/19/2001	Shepodd et al.	204	451	
	E	2001/0055812	12/27/2001	Mian et al.	430	45	
	F	2002/0017487	02/14/2002	Huang	240	035	
	J	2002/0022261	02/21/2002	Anderson et al.	435	287.2	
	K	2002/0025529	02/28/2002	Quake et al.	435	6	
	L	2002/0054252	05/09/2002	Ishii et al.	240	106	
	M	2002/0058332	05/16/2002	Quake et al.	435	288.3	
	N	2002/0067992	06/06/2002	Bridger et al.	447	53	
	O	2002/0170668	11/21/2002	Beebe et al.	456	307.3	
	P	2002/0194909	12/26/2002	Hasselbrink, Jr., et al.	73	253	
	Q	2003/0015682	01/23/2003	Killeen et al.	251	368	
	RK	R	2003/0057391	03/27/2003	Kruevitch et al.	251	11
S		2003/0062734	04/03/2003	Faris	204	84.1	

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	N
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	U							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
RK	V Shoji, Shuchi et al., "Microflow devices and systems," J. Micromech. Microeng., 4:157-171 (1994)
RK	W Unger, Marc A. et al., "Monolithic Microfabricated Valves and Pumps by Multilayer Soft Lithography," Science, 288:113-116 (April 2000)
X	
Y	
Z	

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